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NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEADLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	No connect hour charges in WPIFV until May 1, 2004
NEWS	12	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	13	APR 26	PROMT: New display field available
NEWS	14	APR 26	FIPAT/IFIADB/IFICDB: New super search and display field available
NEWS	15	APR 26	LITLERT now available on STN
NEWS	16	APR 27	NLDB: New search and display fields available
NEWS EXPRESS			MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 APRIL 2004
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FILE 'USPATFULL' ENTERED AT 17:11:08 ON 27 APR 2004

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=> S INNOCUL? AND (DOMESTIC ANIMAL#)

L1 119 INNOCUL? AND (DOMESTIC ANIMAL#)

=> S L1 AND PELLET AND IMPLANT?

L2 10 L1 AND PELLET AND IMPLANT?

=> S L2 AND INJECT?

L3 10 L2 AND INJECT?

=> S L3 AND (COLOR COD?)

L4 0 L3 AND (COLOR COD?)

=> S L3 AND (CATTLE OR SWINE OR HORSES OR GOATS OR DOGS OR CATS OR SHEEP OR RABBITS OR BIRDS)

L5 10 L3 AND (CATTLE OR SWINE OR HORSES OR GOATS OR DOGS OR CATS OR SHEEP OR RABBITS OR BIRDS)

=> S L5 AND (TRANSPARENT OR CLEAR OR (SEE THROUGH) OR TRANSLUCENT)

L6 9 L5 AND (TRANSPARENT OR CLEAR OR (SEE THROUGH) OR TRANSLUCENT)

=> S L6 AND (CARTRIDGE OR CLIP)

L7 1 L6 AND (CARTRIDGE OR CLIP)

=> S L6 AND COLOR?

L8 9 L6 AND COLOR?

=> D L8 1-9 IBIB ABS

L8 ANSWER 1 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2003:166521 USPATFULL

TITLE: Methods of treating or preventing cell, tissue, and organ damage using human myeloid progenitor inhibitory factor-1 (MPIF-1)

INVENTOR(S): Li, Haodong, Gaithersburg, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

Grzegorzewski, Krzysztof J., Gaithersburg, MD, UNITED STATES

## STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Patel, Vikram, Germantown, MD, UNITED STATES

Gentz, Reinder L., Rockville, MD, UNITED STATES

PATENT ASSIGNEE(S):

Human Genome Sciences, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003114379	A1	20030619
APPLICATION INFO.:	US 2002-261950	A1	20021002 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-689693, filed on 13 Oct 2000, GRANTED, Pat. No. US 6495129 Division of Ser. No. US 2000-571013, filed on 15 May 2000, PENDING Division of Ser. No. US 1999-334951, filed on 17 Jun 1999, GRANTED, Pat. No. US 6451562 Continuation of Ser. No. US 1996-722723, filed on 30 Sep 1996, ABANDONED Continuation of Ser. No. US 1996-722719, filed on 30 Sep 1996, GRANTED, Pat. No. US 6001606 Continuation-in-part of Ser. No. US 1995-465682, filed on 6 Jun 1995, ABANDONED Continuation-in-part of Ser. No. US 1995-446881, filed on 5 May 1995, ABANDONED Continuation of Ser. No. US 1994-208339, filed on 8 Mar 1994, GRANTED, Pat. No. US 5504003		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-159362P	19991014 (60)
	US 1999-164059P	19991108 (60)
	US 1999-172063P	19991223 (60)
	US 2000-189048P	20000314 (60)
	US 2000-199142P	20000424 (60)
	US 2000-211458P	20000613 (60)
	US 2000-212658P	20000619 (60)
	US 1996-27299P	19960930 (60)
	US 1996-27300P	19960930 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: STERNE, KESSLER, GOLDSTEIN &amp; FOX P.L.L.C., 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934

NUMBER OF CLAIMS: 26

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 73 Drawing Page(s)

LINE COUNT: 14465

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human myeloid progenitor inhibitory factor-1 (MPIF-1) polypeptide (previously termed MIP-3 and chemokine  $\beta$ 8 (CK $\beta$ 8 or ckb-8)), as well as MPIF-1 polypeptide itself, as are vectors, host cells and recombinant methods for producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2002:332463 USPATFULL

TITLE: Methods of inhibiting hematopoietic stem cells using human myeloid progenitor inhibitory factor-1 (MPIF-1) (Ckbeta-8/MIP-3)

INVENTOR(S): Li, Haodong, Gaithersburg, MD, United States

Ruben, Steven M., Olney, MD, United States

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 6495129 B1 20021217  
 APPLICATION INFO.: US 2000-689693 20001013 (9)  
 RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-571013, filed on 15 May 2000 Continuation-in-part of Ser. No. US 1999-334951, filed on 17 Jun 1999 Continuation of Ser. No. US 1997-941020, filed on 30 Sep 1997, now abandoned Continuation-in-part of Ser. No. US 1996-722723, filed on 30 Sep 1996, now abandoned Continuation-in-part of Ser. No. US 1996-722719, filed on 30 Sep 1996, now patented, Pat. No. US 6001606 Continuation-in-part of Ser. No. US 1995-468775, filed on 6 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-465682, filed on 6 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-446881, filed on 5 May 1995, now abandoned Continuation-in-part of Ser. No. US 468775 Continuation-in-part of Ser. No. US 465682 Continuation-in-part of Ser. No. US 446881 Continuation of Ser. No. US 446881 Continuation-in-part of Ser. No. US 1994-208339, filed on 8 Mar 1994, now patented, Pat. No. US 5504003 Continuation of Ser. No. US 446881 Continuation-in-part of Ser. No. US 208339 Continuation-in-part of Ser. No. US 208339

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-212658P	20000619 (60)
	US 2000-211458P	20000613 (60)
	US 2000-199142P	20000424 (60)
	US 2000-189048P	20000314 (60)
	US 1999-172063P	19991223 (60)
	US 1999-164059P	19991108 (60)
	US 1999-159362P	19991014 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Mertz, Prema	
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox, P.L.L.C.	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	102 Drawing Figure(s); 73 Drawing Page(s)	
LINE COUNT:	14198	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human myeloid progenitor inhibitory factor-1 (MPIF-1) polypeptide (previously termed MIP-3 and chemokine  $\beta$ 8 (CK $\beta$ 8 or ckb-8)), as well as MPIF-1 polypeptide itself, as are vectors, host cells and recombinant methods for producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2002:280564 USPATFULL  
 TITLE: Novel interleukin - 1 Hy2 materials and methods  
 INVENTOR(S): Ballinger, Dennis, Menlo Park, CA, UNITED STATES  
 Ford, John E., San Diego, CA, UNITED STATES  
 Ho, Alice Suk-Yue, Palo Alto, CA, UNITED STATES  
 Lin, Haishan, Castro Valley, CA, UNITED STATES  
 Pace, Ann, Scotts Valley, CA, UNITED STATES  
 Mize, Nancy K., Mountain View, CA, UNITED STATES  
 Halley-Vicente, Dana, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002156009	A1	20021024

APPLICATION INFO.: US 2001-3671 A1 20011102 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-245346P	20001102 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Sharon M. Sintich, Marshall, Gerstein & Borun, 6300 Sears Tower, 223 South Wacker Drive, Chicago, IL, 60606-6357	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	9665	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides machine readable storage media comprising a three-dimensional representation of Interleukin-1 Hy2 (IL-1Hy2), useful for designing and producing modulators of its activity and IL-1 Hy2 variants, and therapeutic uses thereof. The present invention also provides novel nucleic acids encoding IL-1 Hy2, the novel polypeptides encoded by these nucleic acids and uses of these and related products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 9 USPATFULL on STN

ACCESSION NUMBER: 95:70820 USPATFULL  
TITLE: Sex-associated membrane proteins and methods for increasing the probability that offspring will be of a desired sex  
INVENTOR(S): Spaulding, Glenn F., Chandler, AZ, United States  
PATENT ASSIGNEE(S): Cytogam, Inc., Chandler, AZ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5439362		19950808
APPLICATION INFO.:	US 1994-280637		19940725 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-667974, filed on 12 Mar 1991, now patented, Pat. No. US 5346990 which is a division of Ser. No. US 1989-351642, filed on 12 May 1989, now patented, Pat. No. US 5021244 which is a continuation-in-part of Ser. No. US 1988-282922, filed on 6 Dec 1988, now abandoned which is a continuation of Ser. No. US 1987-35986, filed on 8 Apr 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schain, Howard E.		
ASSISTANT EXAMINER:	Touzeau, P. Lynn		
LEGAL REPRESENTATIVE:	Fish & Neave, Haley, Jr., James F., Schofield, Mary Anne		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1653		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of sorting living cells based on DNA content. Mammalian sperm subpopulations enriched in X- or Y-sperm. X- and Y-enriched sperm-plasma-membrane vesicles. Substantially pure sex-associated membrane (SAM) proteins. Antibodies binding to X- or Y-SAM proteins, essentially free of antibodies binding to Y- or X-SAM proteins respectively, or to the H-Y antigen. Semen samples enriched for X- or Y-sperm. Methods for increasing the probability that offspring will be male or female comprising the step of allowing as sperm from an enriched semen sample to fertilize an ovum. Methods for increasing the

probability that offspring will be male or female comprising the step of immunizing a female with X- or Y-SAM proteins. Methods of decreasing fertility comprising the step of immunizing a female with both X- and Y-sperm. Methods of increasing the probability that mammalian offspring will carry a gene for a particular sex-chromosome linked trait.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 9 USPATFULL on STN

ACCESSION NUMBER: 94:80074 USPATFULL

TITLE: Sex-associated membrane proteins and methods for increasing the probability that offspring will be of a desired sex

INVENTOR(S): Spaulding, Glenn F., Chandler, AZ, United States

PATENT ASSIGNEE(S): Cytogam, Inc., Chandler, AZ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5346990		19940913
APPLICATION INFO.:	US 1991-667974		19910312 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1989-351642, filed on 12 May 1989, now patented, Pat. No. US 5021244 which is a continuation-in-part of Ser. No. US 1988-282922, filed on 6 Dec 1988, now abandoned which is a continuation of Ser. No. US 1987-35986, filed on 8 Apr 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schain, Howard E.		
ASSISTANT EXAMINER:	Touzeau, P. Lynn		
LEGAL REPRESENTATIVE:	Haley, Jr., James F., Schofield, Mary Anne		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1633		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of sorting living cells based on DNA content. Mammalian sperm subpopulations enriched in X- or Y-sperm. X- and Y-enriched sperm-plasma-membrane vesicles. Substantially pure sex-associated membrane (SAM) proteins. Antibodies binding to X-or Y-SAM proteins, essentially free of antibodies binding to Y- or X-SAM proteins respectively, or to the H-Y antigen. Semen samples enriched for X- or Y-sperm. Methods for increasing the probability that offspring will be male or female comprising the step of allowing as penn from an enriched semen sample to fertilize an ovum. Methods for increasing the probability that offspring will be male or female comprising the step of immunizing a female with X- or Y-SAM proteins. Methods of decreasing fertility comprising the step of immunizing a female with both X- and Y-sperm. Methods of increasing the probability that mammalian offspring will carry a gene for a particular sex-chromosome linked trait.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 9 USPATFULL on STN

ACCESSION NUMBER: 91:44554 USPATFULL

TITLE: Sex-associated membrane antibodies and their use for increasing the probability that offspring will be of a desired sex

INVENTOR(S): Spaulding, Glenn F., Phoenix, AZ, United States

PATENT ASSIGNEE(S): Cytogam, Inc., Chandler, AZ, United States (U.S. corporation)

NUMBER	KIND	DATE
-----		

PATENT INFORMATION: US 5021244 19910604  
APPLICATION INFO.: US 1989-351642 19890512 (7)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 1988-282922, filed on 6 Dec  
1988, now abandoned which is a continuation of Ser. No.  
US 1987-35986, filed on 8 Apr 1987, now abandoned  
DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Rosen, Sam  
LEGAL REPRESENTATIVE: Haley, Jr., James F., Storella, John R.  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1,2,7,8  
LINE COUNT: 1637

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of sorting living cells based on DNA content. Mammalian sperm subpopulations enriched in X- or Y-sperm. X- and Y-enriched sperm-plasma-membrane vesicles. Substantially pure sex-associated membrane (SAM) proteins. Antibodies binding to X- or Y-SAM proteins, essentially free of antibodies binding to Y- or X-SAM proteins respectively, or to the H-Y antigen. Semen samples enriched for X- or Y-sperm. Methods for increasing the probability that offspring will be male or female comprising the step of allowing as perm from an enriched semen sample to fertilize an ovum. Methods for increasing the probability that offspring will be male or female comprising the step of immunizing a female with X- or Y-SAM proteins. Methods of decreasing fertility comprising the step of immunizing a female with both X- and Y-sperm. Methods of increasing the probability that mammalian offspring will carry a gene for a particular sex-chromosome linked trait.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 9 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 664298 EUROPATFULL EW 199530 FS OS STA B  
TITLE: Sex-associated membrane proteins and methods for  
increasing the probability that offspring will be of a  
desired sex.  
Mit dem Geschlecht assoziierte Membranproteine und  
Methoden zur Erhoehung der Wahrscheinlichkeit, dass die  
Nachkommenschaft das gewuenschte Geschlecht besitzt.  
Proteines membranaires associees au sexe et procedes  
pour accroitre la probabilite que la progenniture sera  
d'un sexe desire.  
INVENTOR(S): Spaulding, Glenn F., 3706 East Desert Flower Lane,  
Phoenix, Arizona 85044, US  
PATENT ASSIGNEE(S): CYTOGAM, INC., 3498 North San Marcos Place, Suite 7,  
Chandler, AZ 85224, US  
PATENT ASSIGNEE NO: 1303810  
AGENT: Bannerman, David Gardner et al, Withers & Rogers 4  
Dyer's Buildings Holborn, London, EC1N 2JT, GB  
AGENT NUMBER: 28001  
OTHER SOURCE: ESP1995047 EP 0664298 A1 950726  
SOURCE: Wila-EPZ-1995-H30-T1a  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R  
NL; R SE  
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG  
PATENT INFORMATION:

PATENT NO	KIND DATE
EP 664298	A1 19950726

'OFFENLEGUNGS' DATE:

19950726

APPLICATION INFO.: EP 1995-102736 19890512  
RELATED DOC. INFO.: EP 475936 DIV

L8 ANSWER 8 OF 9 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 658345 EUROPATFULL EW 199525 FS OS STA B  
TITLE: Sex-associated membrane proteins and methods for  
increasing the probability that offspring will be of a  
desired sex.  
Mit dem Geschlecht assoziierte Membranproteine und  
Methoden zur Erhoehung der Wahrscheinlichkeit, dass die  
Nachkommenschaft das gewuenschte Geschlecht besitzt.  
Proteines membranaires associees au sexe et procedes  
pour accroitre la probabilite que la progeniture sera  
d'un sexe desire.  
INVENTOR(S): Die Erfindernennung liegt noch nicht vor  
PATENT ASSIGNEE(S): CYTOGAM, INC., 3498 North San Marcos Place, Suite 7,  
Chandler, AZ 85224, US  
PATENT ASSIGNEE NO: 1303810  
AGENT: Bannerman, David Gardner et al, Withers & Rogers 4  
Dyer's Buildings Holborn, London, EC1N 2JT, GB  
AGENT NUMBER: 28001  
OTHER SOURCE: ESP1995040 EP 0658345 A1 950621  
SOURCE: Wila-EPZ-1995-H25-T1b  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R  
NL; R SE  
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG  
PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 658345	A1 19950621
'OFFENLEGUNGS' DATE:		19950621
APPLICATION INFO.:	EP 1995-102737	19890512
RELATED DOC. INFO.:	EP 475936	DIV

L8 ANSWER 9 OF 9 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 475936 EUROPATFULL EW 199537 FS PS STA B  
TITLE: SEX-ASSOCIATED MEMBRANE PROTEINS AND METHODS FOR  
INCREASING THE PROBABILITY THAT OFFSPRING WILL BE OF A  
DESIRED SEX.  
MIT DEM GESCHLECHT ASSOZIIERTE MEMBRANPROTEINE UND  
METHODEN ZUR ERHOEHUNG DER WAHRSCHEINLICHKEIT, DASS DIE  
NACHKOMMENSCHAFT DAS GEWUENSCHTE GESCHLECHT BESITZT.  
PROTEINES MEMBRANAIRES ASSOCIEES AU SEXE ET PROCEDES  
POUR ACCROITRE LA PROBABILITE QUE LA PROGENITURE SERA  
D'UN SEXE DESIRE.  
INVENTOR(S): SPAULDING, Glenn, F., 1283 Parklane Boulevard, Chandler,  
AZ 85224, US  
PATENT ASSIGNEE(S): CYTOGAM, INC., 3498 North San Marcos Place, Suite 7,  
Chandler, AZ 85224, US  
PATENT ASSIGNEE NO: 1303810  
AGENT: Bannerman, David Gardner et al, Withers & Rogers 4  
Dyer's Buildings Holborn, London, EC1N 2JT, GB  
AGENT NUMBER: 28001  
OTHER SOURCE: EPB1995067 EP 0475936 B1 950913  
SOURCE: Wila-EPS-1995-H37-T1  
DOCUMENT TYPE: Patent



LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R NL; R SE  
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale Anmeldung)

PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 475936	B1 19950913
'OFFENLEGUNGS' DATE:		19920325
APPLICATION INFO.:	EP 1989-906960	19890512
RELATED DOC. INFO.:	WO 89-US2069	890512 INTAKZ
	WO 9013315	901115 INTPNR
REFERENCE PAT. INFO.:	WO 84-01265 A	WO 90-13303 A
	GB 2145112 A	US 4448767 A
	US 4722887 A	
REF. NON-PATENT-LIT.:	GAMETE RESEARCH, vol. 16, no. 1, January 1987, Alan R. Liss Inc., New York, NY (US); L.A. JOHNSON et al., pp. 1-9 CHEMICAL ABSTRACTS, vol. 100, 1984; Columbus, OH (US); YAN et al., p. 448 no. 66351e CHEMICAL ABSTRACTS, vol. 103, 1985, Columbus, OH (US); HUNT et al. p. 371, no. 119351a CHEMICAL ABSTRACTS, vol. 103, 1985, Columbus, OH (US); PETERSON et al., p. 261, no. 191643q CHEMICAL ABSTRACTS, vol. 103, 1985, Columbus, OH (US); SAJI et al., p. 547, no. 139897m CHEMICAL ABSTRACTS, vol. 98, 1983, Columbus, OH (US); PETERSON et al., p. 356, no. 175817x CHEMICAL ABSTRACTS, vol. 104, 1986, Columbus, OH (US); BRAUN et al., p. 282, no. 17352e	

=> D HIS

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FILE 'CAPLUS, USPATFULL, JAPIO, MEDLINE, EUROPATFULL, BIOSIS, EMBASE'  
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L1 119 S INNOCUL? AND (DOMESTIC ANIMAL#)  
L2 10 S L1 AND PELLET AND IMPLANT?  
L3 10 S L2 AND INJECT?  
L4 0 S L3 AND (COLOR COD?)  
L5 10 S L3 AND (CATTLE OR SWINE OR HORSES OR GOATS OR DOGS OR CATS O  
L6 9 S L5 AND (TRANSPARENT OR CLEAR OR (SEE THROUGH) OR TRANSLUCENT  
L7 1 S L6 AND (CARTRIDGE OR CLIP)  
L8 9 S L6 AND COLOR?

=> S L2 AND ANTIBIOTIC?

L9 3 L2 AND ANTIBIOTIC?

=> D L9 1-3 IBIB ABS

L9 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:166521 USPATFULL

TITLE: Methods of treating or preventing cell, tissue, and organ damage using human myeloid progenitor inhibitory factor-1 (MPIF-1)

INVENTOR(S): Li, Haodong, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Grzegorzewski, Krzysztof J., Gaithersburg, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Patel, Vikram, Germantown, MD, UNITED STATES  
Gentz, Reinder L., Rockville, MD, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003114379	A1	20030619
APPLICATION INFO.:	US 2002-261950	A1	20021002 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-689693, filed on 13 Oct 2000, GRANTED, Pat. No. US 6495129 Division of Ser. No. US 2000-571013, filed on 15 May 2000, PENDING Division of Ser. No. US 1999-334951, filed on 17 Jun 1999, GRANTED, Pat. No. US 6451562 Continuation of Ser. No. US 1996-722723, filed on 30 Sep 1996, ABANDONED Continuation of Ser. No. US 1996-722719, filed on 30 Sep 1996, GRANTED, Pat. No. US 6001606 Continuation-in-part of Ser. No. US 1995-465682, filed on 6 Jun 1995, ABANDONED Continuation-in-part of Ser. No. US 1995-446881, filed on 5 May 1995, ABANDONED Continuation of Ser. No. US 1994-208339, filed on 8 Mar 1994, GRANTED, Pat. No. US 5504003		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-159362P	19991014 (60)
	US 1999-164059P	19991108 (60)
	US 1999-172063P	19991223 (60)
	US 2000-189048P	20000314 (60)
	US 2000-199142P	20000424 (60)
	US 2000-211458P	20000613 (60)
	US 2000-212658P	20000619 (60)
	US 1996-27299P	19960930 (60)
	US 1996-27300P	19960930 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	73 Drawing Page(s)	
LINE COUNT:	14465	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human myeloid progenitor inhibitory factor-1 (MPIF-1) polypeptide (previously termed MIP-3 and chemokine  $\beta$ 8 (CK $\beta$ 8 or ckb-8)), as well as MPIF-1 polypeptide itself, as are vectors, host cells and recombinant methods for producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:147728 USPATFULL  
 TITLE: Recombinant phytases and uses thereof  
 INVENTOR(S): Short, Jay M., Rancho Santa Fe, CA, UNITED STATES  
 Mathur, Eric J., Carlsbad, CA, UNITED STATES  
 Richardson, Toby, San Diego, CA, UNITED STATES  
 Robertson, Dan, Solana Beach, CA, UNITED STATES  
 Barton, Nelson, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003101476	A1	20030529
APPLICATION INFO.:	US 2001-21723	A1	20011212 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-255090P	20001212 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Jane M. Love, Ph.D., Hale and Dorr LLP, 300 Park Avenue, New York, NY, 10022  
NUMBER OF CLAIMS: 172  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 21 Drawing Page(s)  
LINE COUNT: 6576

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided is a new recombinant phytase enzyme. The enzyme can be produced from recombinant host cells and can be used to aid in the digestion of phytate where desired. In particular, the phytase of the present invention can be used in foodstuffs to improve the feeding value of phytate rich ingredients.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:332463 USPATFULL  
TITLE: Methods of inhibiting hematopoietic stem cells using human myeloid progenitor inhibitory factor-1 (MPIF-1) (Ckbeta-8/MIP-3)  
INVENTOR(S): Li, Haodong, Gaithersburg, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6495129	B1	20021217
APPLICATION INFO.:	US 2000-689693		20001013 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-571013, filed on 15 May 2000 Continuation-in-part of Ser. No. US 1999-334951, filed on 17 Jun 1999 Continuation of Ser. No. US 1997-941020, filed on 30 Sep 1997, now abandoned Continuation-in-part of Ser. No. US 1996-722723, filed on 30 Sep 1996, now abandoned Continuation-in-part of Ser. No. US 1996-722719, filed on 30 Sep 1996, now patented, Pat. No. US 6001606 Continuation-in-part of Ser. No. US 1995-468775, filed on 6 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-465682, filed on 6 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-446881, filed on 5 May 1995, now abandoned Continuation-in-part of Ser. No. US 468775 Continuation-in-part of Ser. No. US 465682 Continuation-in-part of Ser. No. US 446881 Continuation of Ser. No. US 446881 Continuation-in-part of Ser. No. US 1994-208339, filed on 8 Mar 1994, now patented, Pat. No. US 5504003 Continuation of Ser. No. US 446881 Continuation-in-part of Ser. No. US 208339 Continuation-in-part of Ser. No. US 208339		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-212658P	20000619 (60)
	US 2000-211458P	20000613 (60)
	US 2000-199142P	20000424 (60)
	US 2000-189048P	20000314 (60)
	US 1999-172063P	19991223 (60)
	US 1999-164059P	19991108 (60)
	US 1999-159362P	19991014 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Mertz, Prema

LEGAL REPRESENTATIVE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

NUMBER OF CLAIMS: 16

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 102 Drawing Figure(s); 73 Drawing Page(s)

LINE COUNT: 14198

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human myeloid progenitor inhibitory factor-1 (MPIF-1) polypeptide (previously termed MIP-3 and chemokine  $\beta 8$  (CK $\beta 8$  or ckb-8)), as well as MPIF-1 polypeptide itself, as are vectors, host cells and recombinant methods for producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

UMERIGUIDE, STNGUIDE, STNMAIL, and the Learning Files.

=> FILE AGRICOLA

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	82.58	82.79

FILE 'AGRICOLA' ENTERED AT 17:19:43 ON 27 APR 2004

FILE COVERS 1970 TO 6 Apr 2004 (20040406/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> D HIS

(FILE 'HOME' ENTERED AT 17:10:43 ON 27 APR 2004)

FILE 'CAPLUS, USPATFULL, JAPIO, MEDLINE, EUROPATFULL, BIOSIS, EMBASE' ENTERED AT 17:11:08 ON 27 APR 2004

L1	119 S INNOCUL? AND (DOMESTIC ANIMAL#)
L2	10 S L1 AND PELLET AND IMPLANT?
L3	10 S L2 AND INJECT?
L4	0 S L3 AND (COLOR COD?)
L5	10 S L3 AND (CATTLE OR SWINE OR HORSES OR GOATS OR DOGS OR CATS O
L6	9 S L5 AND (TRANSPARENT OR CLEAR OR (SEE THROUGH) OR TRANSLUCENT
L7	1 S L6 AND (CARTRIDGE OR CLIP)
L8	9 S L6 AND COLOR?
L9	3 S L2 AND ANTIBIOTIC?

FILE 'AGRICOLA' ENTERED AT 17:19:43 ON 27 APR 2004

=> S L1 AND PELLET AND IMPLANT?

	65 INNOCUL?
	16685 DOMESTIC
	129557 ANIMAL#
	4755 DOMESTIC ANIMAL#
	(DOMESTIC(W)ANIMAL#)
	716 PELLET
	2998 IMPLANT?
L10	0 L1 AND PELLET AND IMPLANT?

=> S INNOCUL? AND (DOMESTIC ANIMAL#)

	65 INNOCUL?
	16685 DOMESTIC
	129557 ANIMAL#
	4755 DOMESTIC ANIMAL#
	(DOMESTIC(W)ANIMAL#)
L11	0 INNOCUL? AND (DOMESTIC ANIMAL#)

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